

Rabbit RPL13A Polyclonal Antibody | anti-RPL13A antibody

RPL13A Antibody

CATALOG # AAA327806	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS ELISA, Western Blot
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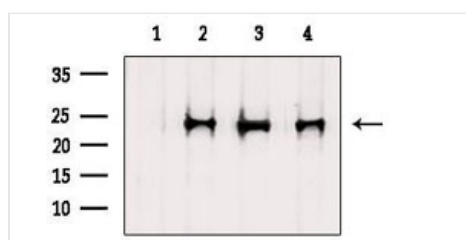
PRODUCT SYNONYMS

RPL13A; Polyclonal Antibody; RPL13A Antibody; 23 kD highly basic protein; 23 kDa highly basic protein; 60S ribosomal protein L13a; L13A; P198; Ribosomal protein L13a; RPL 13A; Tissue specific transplantation antigen 1; Transplantation antigen P198; TSTA1; Tstap198 7; Tum antigen; Tum P198 antigen; anti-RPL13A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	RPL13A antibody detects endogenous levels of total RPL13A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-RPL13A antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human RPL13A, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using RPL13A Antibody. Lane 1: HepG2 cells, treated with blocking peptide; Lane 2: HepG2 cells; Lane 3: COS; Lane 4: HeLa cells.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL13A antibody	Function: Associated with ribosomes but is not required for canonical ribosome function and has extra-ribosomal functions. Component of the GAIT (gamma interferon-activated inhibitor of translation) complex which mediates interferon-gamma-induced transcript-selective translation inhibition in inflammation processes. Upon interferon-gamma activation and subsequent phosphorylation dissociates from the ribosome and assembles into the GAIT complex which binds to stem loop-containing GAIT elements in the 3'-UTR of diverse inflammatory mRNAs (such as ceruplasmin) and suppresses their translation. In the GAIT complex interacts with m7G cap-bound eIF4G at or near the eIF3-binding site and blocks the recruitment of the 43S ribosomal complex. Involved in methylation of rRNA. Similarity: Belongs to the universal ribosomal protein uL13 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395132450
NCBI GeneID	23521
NCBI Accession #	NP_001257420.1
NCBI GenBank Nucleotide #	NM_001270491.1
UniProt Accession #	P40429; A8K505
Molecular Weight	24 kDa
NCBI Official Full Name	60S ribosomal protein L13a isoform 2
NCBI Official Synonym Full Names	ribosomal protein L13a
NCBI Official Symbol	RPL13A
NCBI Official Synonym Symbols	L13A; TSTA1
NCBI Protein Information	60S ribosomal protein L13a
UniProt Protein Name	60S ribosomal protein L13a
UniProt Gene Name	RPL13A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.